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APPLICATION NO.	1	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/088,689	_	03/21/2002	Yoshitaka Kawanabe	040373-0317	4661
22428	7590	01/20/2006		EXAMINER	
		DNER LLP	ZHENG, EVA Y		
SUITE 500 3000 K STI		1	ART UNIT	PAPER NUMBER	
WASHING	TON, DO	20007	2634		
				DATE MAILED: 01/20/2006	5

Please find below and/or attached an Office communication concerning this application or proceeding.

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OFR 1.121(d). PTO-152.	
al Stage	

		Application No.	Applicant(s)				
		10/088,689	KAWANABE, YOSHITAKA				
	Office Action Summary	Examiner	Art Unit				
		Eva Yi Zheng	2634				
Period fo	The MAILING DATE of this communication Reply	on appears on the cover shee	t with the correspondence address				
WHIC - Exte after - If NC - Failu Any	ORTENED STATUTORY PERIOD FOR FOR HEVER IS LONGER, FROM THE MAILII nsions of time may be available under the provisions of 37 (SIX (6) MONTHS from the mailing date of this communicat period for reply is specified above, the maximum statutory re to reply within the set or extended period for reply will, by reply received by the Office later than three months after the ded patent term adjustment. See 37 CFR 1.704(b).	NG DATE OF THIS COMMU SFR 1.136(a). In no event, however, ma ion. period will apply and will expire SIX (6) I statute, cause the application to becom	NICATION. y a reply be timely filed MONTHS from the mailing date of this communication. e ABANDONED (35 U.S.C. § 133).				
Status							
1)🛛	Responsive to communication(s) filed on	11/2/05					
2a)□		This action is non-final.					
3)🖂	Since this application is in condition for a	_	natters, prosecution as to the merits is				
-,2	closed in accordance with the practice ur	·	-				
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Disposit	on of Claims						
 4) ☐ Claim(s) 4,5,8 and 9 is/are pending in the application. 4a) Of the above claim(s) is/are withdrawn from consideration. 5) ☐ Claim(s) 4,5,8 and 9 is/are allowed. 6) ☐ Claim(s) is/are rejected. 7) ☐ Claim(s) is/are objected to. 8) ☐ Claim(s) are subject to restriction and/or election requirement. 							
Applicat	on Papers						
10)⊠	The specification is objected to by the Example The drawing(s) filed on 3/21/02 is/are: a) Applicant may not request that any objection Replacement drawing sheet(s) including the of the oath or declaration is objected to by the same sheet and the same sheet are sheeted.	☐ accepted or b)☐ objecte to the drawing(s) be held in abe correction is required if the draw	yance. See 37 CFR 1.85(a). ing(s) is objected to. See 37 CFR 1.121(d).				
Priority (ınder 35 U.S.C. § 119						
 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) All b) Some * c) None of: 1. Certified copies of the priority documents have been received. 2. Certified copies of the priority documents have been received in Application No 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
	t(s) e of References Cited (PTO-892) e of Draftsperson's Patent Drawing Review (PTO-94		ew Summary (PTO-413) No(s)/Mail Date				
3) 🔲 Inform	nation Disclosure Statement(s) (PTO-1449 or PTO/s	· -	of Informal Patent Application (PTO-152)				

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DETAILED ACTION

Response to Arguments

1. Applicant's arguments, see Amendment, filed 11/2/05, with respect to claims 4, 5, 8, and 9 have been fully considered and are persuasive. The claim rejections have been withdrawn.

Drawings

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, "a clock signal that is common to all of said receivers" in claims 4, 5, 8, and 9 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New

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Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Allowable Subject Matter

3. Claims 4, 5, 8, and 9 are allowed.

4. The following is an examiner's statement of reasons for allowance:

None of the prior art teaches or suggests a common digital frequency generator supply to antenna array system as the current application. In specific, sending a common digital frequency data to a plurality of receivers; converting the digital signal to an analog signal based on a common clock signal in each of the receivers; and generating local oscillation signals in which phase and amplitude are matched in all the receivers based on the analog signal.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

5. This application is in condition for allowance except for the following formal matters:

See description above.

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Prosecution on the merits is closed in accordance with the practice under *Ex* parte Quayle, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire **TWO**MONTHS from the mailing date of this letter.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Eva Y Zheng whose telephone number is 571-272-3049. The examiner can normally be reached on M-F, 7:30 AM to 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stephen Chin can be reached on 571-272-3056. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Eva Yi Zheng Examiner Art Unit 2634

January 18, 2006

CHIEH M. FAN SUPERVISORY PATENT EXAMINER